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| CS LL | 0 Act of 4005 | U.S. Patent and Tr | Approved for use through | gh 07/31/2003. OM | COMMERCE | | |
|---|--|-----------------------------------|---------------------------------------|-------------------|---------------------------------------|--|--|
| .9 | n Act of 1995, no persons are require | Attorney Docket Number | | 01US/103087 | | | |
| 3 1 | SIGN | First Named Inventor | Sagie Tsa | Sagie Tsadka | | | |
| | PPLICATION | С | COMPLETE IF KNOWN | | | | |
| (37 CF | FR 1.63) | Application Number | 10/623,280 | 623,280 | | | |
| Declaration | Declaration | Filing Date | ling Date July 18, 2003 | | | | |
| Submitted with Initial OR | —'Submitted after Initial Filing (surcharge | Art Unit | N/A | | | | |
| Filing | (37 CFR 1.16 (e)) required) | Examiner Name | Not Yet Assigne | Not Yet Assigned | | | |
| I hereby declare that: | | | · · · · · · · · · · · · · · · · · · · | | · · · · · · · · · · · · · · · · · · · | | |
| Each inventor's residence, I believe the inventor(s) na | Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: | | | | | | |
| ALL-OPTICAL, TUNABLE REGENERATOR, RESHAPER AND WAVELENGTH CONVERTER (Title of the Invention) | | | | | | | |
| the specification of which is attached hereto OR | | | | | | | |
| x was filed on (MM/DD/YYYY) 07/18/2003 as United States Application Number or PCT International | | | | | | | |
| Application Number 10/623,280 and was amended on (MM/DD/YYYY) (if applicable). | | | | | | | |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. | | | | | | | |
| I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. | | | | | | | |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. | | | | | | | |
| Prior Foreign Application Number(s) | Country | Foreign Filing Da (MM/DD/YYYY) | te Priority Not Claimed | Certified Copy | Attached? | | |
| | | | | | | | |
| Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto | | | | | | | |

PTO/SB/01 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| DECLARATION — Utility or D sign Patent Application | | | | | | | |
|---|-------------|---------|--|---------------------|--|------------|--|
| Direct all correspondence to: Customer Number OR X Correspondence address below | | | | | | | |
| Name FULBRIGHT & JAWO Michael J. Fogarty, III | RSKI L.L.P. | | | | • | | |
| Address 2200 Ross Avenue, Suite 2800 | | | | | | | |
| ^{City} Dallas | | | State | TX | ZIF | 75201-2784 | |
| Country | Telephone | (214) 8 | Fax (214) 855-8200 | | | | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | | | | |
| NAME OF SOLE OR FIRST INVENTOR: | | | | A petition t | on has been filed for this unsigned inventor | | |
| Given Name (first and middle [if any]) Sagie | | | | nily Name iumame | Tsadka | | |
| Inventor's Signature | | | | Sep. 8. 2003 | | | |
| Residence: City Emek Soreq | , | | | Citizenship Israel | | | |
| Mailing Address: Meishar 72 | | | | | | | |
| City Emek Soreq | State | ZIP | | | Country | Israel | |
| NAME OF SECOND INVENTOR: | | | A petition has been filed for this unsigned inventor | | | | |
| Given Name (first and middle [if any]) Shalva | | | nily Name umame | Ben-Ezra | | | |
| Inventor's Signature Date 08.09.2003 | | | | | 8.09.2003 | | |
| Residence: City Rehovot | State | Country | Israel | | Citizenshi | Israel | |
| Mailing Address: 10/3 Moshe Forer | | | | | | | |
| City Rehovot | - I | | | | Country | Israel | |
| X Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto. | | | | | | | |

PTO/SB/02A (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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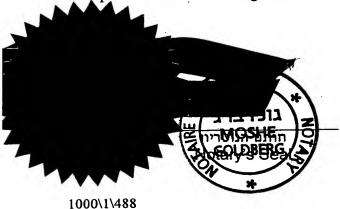
| DECLARATION ADDITIONAL INVENTOR(S) Supplemental She t Page 1 of 1 | | | | | | | | |
|--|-------------|---------|---------------|-----|-------------|--------------------|---|--|
| Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor | | | | | | | | |
| Given Name (first and middle [if any]) | F | laim | | | | ily Name umame | Chayet | |
| Inventor's Signature | | | $\overline{}$ | 10 | | | Date 09.08, 2003 | |
| Nes-Ziona Residence: City | State | | Cour | Isı | rael | | US Citizenship | |
| Mailing Address: 62 Katsenelson | | | | | | | | |
| Nes-Ziona City | State | | ZIP | | | | Israel Country | |
| Name of Additional Joint Invent | or, if any: | | | | | A petition I | nas been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Nir | | | | ily Name urname | Shachar | |
| Inventor's Signature | Le, | | | | | | Date 09/08/03 | |
| Ramat-Gan J Residence: City | State | | Cour | | rael | | Israel Citizenship | |
| Mailing Address: 155 Aluf David | | | | | | | | |
| Ramat-Gan ^{City} | State | | ZIP | | | | Israel Country | |
| Name of Additional Joint Inventor, if any: | | | | | | A petition h | nas been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | | | | | ily Name umame | | |
| Inventor's Signature | | | | | | | Date | |
| Residence: City State | | Country | | | Citizenship | | | |
| Mailing Address: | | | | | | | | |
| City | State | | ZIP | | | | Country | |
| Name of Additional Joint Inventor, if any: | | | | | | A petition I | nas been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) Family Name or Sumame | | | | | | | | |
| Inventor's | | | | | Date | | | |
| Residence: City State Country | | ntrv | | | Citizenship | | | |
| Mailing Address: | | | | | | | | |
| City | State | | ZIP | | | | Country | |

AUTHENTICATION OF SIGNATURE

I, the undersigned, Moshe Goldberg, Notary Public, of 10 Plaut St. Rehovot, hereby certify that on 08.09.2003 there appeared before me at my office Mr. Sagie Tsadka Whose identity was proved to me by Identity Card No. 05922512-8 issued by The Ministry of Interior of The State of Israel, Rehovot on 26.05.2002, and Mr Shalva Ben-Ezra Whose identity was proved to me by Identity Card No. 31039914-2 issued by The Ministry of Interior of The State of Israel, Ramla on 13.12.92, and Mr Haim Chayet Whose identity was proved to me by Identity Card No. 01419688-5 issued by The Ministry of Interior of The State of Israel, Jerusalem on 05.07.93, and Mr Nir Yitzhak Shachar Whose identity was proved to me by Identity Card No. 02408610-0 issued by The Ministry of Interior of The State of Israel. 29.07.1997, And Herzelia on respectively of their own free will the attached document marked A.

In witness whereof I hereby authenticate the signatures of Mr Sagie Tsadka and Mr Shalva Ben-Ezra and Mr Haim Chayet and Mr Nir Yitzhak Shachar by my own signature and seal today 08.09.2003.

Fees paid: 342 NIS including VAT.



אימות חתימה

אני החתום מטה, משה גולדברג, נוטריון, מרח׳ פלאוט 10, רחובות, מצהיר כי ביום 08.09.2003 ניצבו לפני במשרדי מר שגיא צדקה שזהותו הוכחה לי על פי ת.ז. 05922512-8 שניתנה מאת משרד הפנים ברחובות ביום 05922033 ומר שלווה בן-עזרא שזהותו הוכחה לי על פי ת.ז. 13.12.1992 בן-עזרא שזהותו הוכחה לי על פי ת.ז. 13.12.1992 ומר חיים חייט שזהותו הוכחה לי על פי ת.ז. 01419688-5 ביום 05.07.1993 שניתנה מאת משרד ביום 05.07.1993 ומר ניר יצחק שחר שזהותו הוכחה לי על פי ת.ז. 0-2408610 שניתנה מאת משרד הפנים הרצליה ביום 29.07.1997 וחתמו בהתאמה הפנים החופשי על המסמך המצורף והמסומן באות מיצר.

ולראיה הנני מאמת את חתימתם של מר שגיא צדקה ומר שלווה בן-עזרא ומר חיים חייט ומר ניר יצחק שחר בחתימת ידי ובחותמי, היום 08.09.2003.

שכרי בסך 342 שייח כולל מעיימ שולם.

חתימת הנוטריון Signature

מסמך זה הופק על ידי מחולל הטפסים של אסקי בע"מ 02-6248526, 03-5665240

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Sagie Tsadka; Shalva Ben-Ezra; Haim Chayet; and Nir Shachar (hereinafter referred to as Assignors), residing at Meishar 72, Emek Soreq, ISRAEL; 10/3 Moshe Forer, Rehovot, ISRAEL; 62 Katsenelson, Nes-Ziona, ISRAEL; and 155 Aluf David, Ramat-Gan, ISRAEL, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in ALL-OPTICAL, TUNABLE REGENERATOR, RESHAPER AND WAVELENGTH CONVERTER, set forth in a Patent application for Letters Patent of the United States filed on July 18, 2003 as U.S. Patent Application Serial No. 10/623,280; and

WHEREAS, Whitedove Business Corp. organized under and pursuant to the laws of the British Virgin Islands, having its principal place of business at 3006 Woodside Street, #5016, Dallas, Texas 75204 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

A

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI L.L.P.

All practitioners at Customer Number 000029053.

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AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

| | | | | S | agie Tsadka |
|--------------------------|------|--------------|-----------------|---------------------|------------------------|
| Date: _ | Sep. | 8. 200 | 3 | | |
| | | | | | |
| | | | | | |
| On this _ | 8 | day of | Sep. | ,λοι | , below inc |
| personally | | | e Tsadka | | n to be the individual |
| described in of the same | | executed the | e foregoing ins | trument, and acknow | vledged execution |
| | | | | | זטריו |
| | | | | | א משה |
| | | | | Notary Public 2 | בוברו |

| Date: 06.09.2003 | Shalva Ben-Ezra |
|--|--|
| On this 8 day of Sep. personally came Shalva Ben-Ezra described in and who executed the foregoing instru of the same. | , <u>2003</u> , before me , to me known to be the individual ument, and acknowledged execution |
| | Notary Public אולדבר א אולדבר א אולדבר א אולדבר א אולדבר א אולדבר א אולדי אינט אינט אינט אינט אינט אינט אינט אינ |

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| | | | | Haim C | hayet |
|--|--------------|------|-------------------------------|---|-------|
| Date: | 09.08. | 2003 | | | |
| On this personal describe of the sa | d in and who | | Sep. Chayet foregoing instrum | , | |
| | | | · N | otary Public משרי אסלוברג אוסאר אסלוברג GOLDBER | I N |

| | Nir Shachar |
|---|---|
| Date: 09/08/03 | |
| On this day of Set leave Shachar described in and who executed the foregoing ins of the same. | , 2003 , before me , to me known to be the individual trument, and acknowledged execution |
| | Notary Public * AUD * MOSHE GOLDBERG * |